

		SEC. CL.	ORIGIN	CONTROL NO.	
				D-751-67 25	
DATE OF DOC	DATE REC'D	DATE OUT	SUSPENSE DATE	CROSS REFERENCE OR POINT OF FILING	
16 Mar 67					
TO Chief, ESB FROM SUBJ. Proposal: "Advanced Stereo Rhomboid, Model II"				ROUTING <div style="border: 1px solid black; width: 100px; height: 100px; margin: 5px;"></div>	
Declass Review by NGA.				DATE SENT 25	
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COURIER NO.	ANSWERED	NO REPLY		1	

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File 02087

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NPIC/TDS/D-751-67
16 March 1967

MEMORANDUM FOR: Chief, Exploitation Systems Branch

SUBJECT : [REDACTED] Proposal: "Advanced Stereo Rhomboid,
Model II"

1. The subject proposal was reviewed and the following conclusions drawn:

- a. Although the development cost seems extremely high, when the complexity of the instrument that we require--- essentially three objectives with a rhomboid relay system and three monoscopic systems-is analyzed, I do not think that the price is out of line (the prototype Model I cost over [REDACTED])
- b. Assuming that the development cost can be justified and the proposal is satisfactory (the only reservation being the method of image rotation) the next important consideration is the production cost compared to the performance specifications.
- c. The instrument promises to give an optical quality equal to the Versatile Stereoscope at a substantially lower magnification; thereby, allowing the operator to obtain a larger field of view without sacrificing image quality. In addition to this characteristic, the instrument will be much less expensive than the Versatile Stereoscope even in quantities as small as 25 units.
- d. There will be some advantages in developing the double arm rhomboid option in that a large percentage of the object stage can be scanned without moving the pod. The increase in production cost for this additional feature would be less than 10%; therefore, serious consideration should be given to this option.

2. From the above analysis it is recommended that this project be initiated with [REDACTED]

ESB

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